



PATENT APPLICATION
File No.: 98-10D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Wen-feng Xu, Scott R. Presnell, David P.
Yee, Donald C. Foster

Serial No.: 09/371,333 Group Art Unit: 1646

Filed: August 10, 1999 Examiner: John D. Ulm

For: PROTEASE-ACTIVATED RECEPTOR PAR4 (ZCHEMR2)

LETTER REGARDING SUBSTITUTE SEQUENCE LISTING

Commissioner for Patents
Washington, DC 20231

Sir:

Submitted herewith is a substitute copy of the sequence listing. The substitute sequence listing contains no new matter and is now compliant with the revised sequence rules under 37 C.F.R. § 1.821-1.825.

Also submitted herewith is a sequence listing diskette for the above-captioned application. The content of substitute sequence listing and the enclosed sequence listing diskette is the same and, where applicable, includes no new matter as required by 37 CFR 1.821-1.825.

Respectfully submitted,

Phillip B.C. Jones, J.D., Ph.D.
Registration No. 38,195



1

SEQUENCE LISTING

<110> Xu, Wenfeng
Presnell, Scott R.
Yee, David P.
Foster, Donald C.

<120> PROTEASE-ACTIVATED RECEPTOR PAR4
(ZCHEMR2)

<130> 98-1001

<140> US 09/371,333

<141> 1999-08-10

<150> US 09/053,866

<151> 1998-04-01

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<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 4895

<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (176)...(1330)

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Met
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226

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274

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322

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35 40 45

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370

Pro Gly Gln Val Cys Ala Asn Asp Ser Asp Thr Leu Glu Leu Pro Asp
50 55 60 65

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418

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466

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514

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562

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610

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1042

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1138

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1186

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1330

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<213> Homo sapiens

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			260					265					270		
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Ala	Tyr	Val	Pro	Ser	Leu	Ala	Leu	Ser	Thr	Leu	Asn	Ser	Cys	Val	Asp
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Pro	Phe	Ile	Tyr	Tyr	Tyr	Val	Ser	Ala	Glu	Phe	Arg	Asp	Lys	Val	Arg
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Ala	Gly	Leu	Phe	Gln	Arg	Ser	Pro	Gly	Asp	Thr	Val	Ala	Ser	Lys	Ala
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<223> PAR2 polypeptide.

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			20					25							

CS
Cont